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(54) Title: SIMULTANEOUS DETECTION OF TWO ANALYTES PRODUCED BY A CELL UNDER THE INFLUENCE OF A PUTATIVE AGENT USING A PIN COATED ASSAY SYSTEM

(57) Abstract: A method for identifying an agent that has an influence on the amount of an analyte expressed by a cell, said method comprising: - stimulating a cell to produce at least 2 analytes, - forming, in the absence and in the presence of a candidate compound, on the pins of a matrix at least 2 recognition complexes between an analyte and a recognition molecule, - treating said recognition complexes with detection molecules to obtain on the pins of the matrix detection complexes, - determining each amount of each detection complex formed on the pins, - comparing each amount of detection complex formed in the absence and in the presence of a candidate compound, and - choosing a candidate compound which has an influence on the amount of at least one of the detection complexes formed as a pharmaceutical agent.

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

MEDLINE, EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>CARBALLIDO J M ET AL: "Reversal of human allergic T helper 2 responses by engagement of signaling lymphocytic activation molecule." JOURNAL OF IMMUNOLOGY (BALTIMORE, MD.: 1950) UNITED STATES 1 NOV 1997, vol. 159, no. 9, 1 November 1997 (1997-11-01), pages 4316-4321, XP002265773 ISSN: 0022-1767 cited in the application page 4317, column 1, paragraph 3</p> <p style="text-align: center;">--- -/-</p>	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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